

## CLAIM AMENDMENTS

1 - 44. (canceled)

45. (currently amended) [[A]] The method defined in claim 62, further comprising the step of manufacturing a polyethylene terephthalate packaging web, the method comprising the steps of: feeding waste polyethylene terephthalate raw material containing dirt and without precrystallization or predrying to a twin-screw extruder at a feed rate such that flights of the extruder screws are filled only to 25% to 60% with the polyethylene terephthalate raw material while rotating the screws of the extruder at a rotation rate to plastify the material and extrude a polyethylene terephthalate melt from the extruder; degassing an interior of the extruder during the extrusion of the polyethylene terephthalate melt therefrom; passing the melt through a sieve filter and thereby separating the dirt from the melt; measuring melt pressure upstream and downstream of the sieve filter; controlling one of the rates of the extruder in accordance with the measured melt pressures;

backflushing the sieve filter with the melt and thereby forcing the dirt from the sieve filter in accordance with the melt pressures measured upstream and downstream of the sieve filter; ~~outputting a strip of the polyethylene terephthalate melt from a spinning head located downstream of the extruder; and cooling and~~

22 ~~stretching the strip of the polyethylene terephthalate to form the~~  
23 ~~polyethylene terephthalate packaging web.~~

1                   46. (currently amended) The method defined in claim  
2     [[45]] 62 wherein the raw material is at least in part PET flakes  
3     formed by comminuting PET bottles.

1                   47. (currently amended) The method defined in claim  
2     [[45]] 62 wherein the raw material is supplied to the extruder with  
3     at least one metering screw.

1                   48. (currently amended) The method defined in claim  
2     [[45]] 62 wherein the flights of the extruder screws are filled to  
3     30% to 50% with the polyethylene terephthalate raw material.

1                   49. (currently amended) The method defined in claim  
2     [[45]] 62 wherein the screws of the extruder are driven in the same  
3     direction.

1                   50. (currently amended) The method defined in claim  
2     [[45]] 62 wherein the interior of the extruder is degassed by  
3     connecting at least one suction pump thereto.

1                   51. (canceled)

1                   52. (currently amended) The method defined in claim  
2   [[51]] 62 wherein the chain-lengthening substance is a lactam or an  
3   oxazole derivative.

53. (canceled)

1                   54. (currently amended) The method defined in claim  
2   [[45]] 62 wherein the strip is cooled in a liquid.

1                   55. (previously presented) The method defined in claim  
2   54 wherein the liquid is a water bath.

1                   56. (currently amended) The method defined in claim  
2   [[45]] 62 wherein the one rate is the rotation rate.

1                   57. (currently amended) The method defined in claim  
2   [[45]] 62 wherein the one rate is the feed rate.

58. (canceled)

1                   59. (currently amended) The method defined in claim  
2   [[58]] 62, further comprising after stretching and cooling the  
3   strip the step of  
4                   guiding the strip through a furnace and heating it  
5   therein above its glass temperature.

1                   60. (currently amended) The method defined in claim  
2 ~~59, further comprising after stretching and cooling 62 wherein the~~  
3 ~~strip is fixed after the first stretching step and before the~~  
4 ~~second stretching step by the step of again stretching the strip~~  
5 ~~and thereafter~~  
6                   heating the strip in a fixing device.

1                   61. (currently amended) The method defined in claim 60,  
2 further comprising immediately after heating the strip in a fixing  
3 device the step of  
4                   cooling the strip ~~and thereafter stretching the strip.~~

1                   62. (new) A method of manufacturing a polyethylene  
2 terephthalate packaging web, the method comprising the steps of:  
3                   a) feeding waste polyethylene terephthalate raw material  
4 containing dirt and with no substantial pretreatment or  
5 precrystallization to a twin-screw extruder at a feed rate such  
6 that flights of the extruder screws are filled only to 25% to 60%  
7 with the polyethylene terephthalate raw material while rotating the  
8 screws of the extruder at a rotation rate to plastify the material  
9 and extrude a polyethylene terephthalate melt from the extruder;  
10                   b) degassing an interior of the extruder during the  
11 extrusion of the polyethylene terephthalate melt therefrom;

12                   c) feeding at least one chain-lengthening substance to  
13 the interior of the extruder for admixture with the melt;

14                   d) passing the melt through a sieve filter and thereby  
15 separating the dirt from the melt;

16                   e) measuring melt pressure upstream and downstream of the  
17 sieve filter;

18                   f) controlling at least one of the rates of the extruder  
19 in accordance with the measured melt pressures;

20                   g) pumping the filtered polyethylene terephthalate melt  
21 from the extruder to a spinning head downstream of the extruder and  
22 thereby outputting a strip of the polyethylene terephthalate melt  
23 from the spinning head;

24                   h) cooling the strip of the polyethylene terephthalate  
25 with a fluid;

26                   i) twice longitudinally stretching the cooled strip; and

27                   j) fixing the stretched strip to form the polyethylene  
28 terephthalate packaging web.